

REMARKS

The Final Office Action of March 26, 2007 and Advisory Action mailed July 25, 2007 have been reviewed and the comments therein were carefully considered. Claims 1-6, 8-17, 19-25, and 27-35 are currently pending. By this response, claims 1, 4, 8, 12, 20, 28, and 35 have been amended and claim 7 has been cancelled. No new matter has been added to the application.

Objection to the Specification

The specification is objected to as failing to provide proper antecedent basis for the claimed subject matter. In particular, the Office Action states:

The computer readable medium of claim 12 is not described in the applicant's specification. The specification only describes a storage medium (See page 9, line 8 and page 13, lines 1-2 of the applicant's specification).

Applicants respectfully submit that at least the cited portions of the specification (cited by the Office Action) support Applicants claim 12 format of a "computer readable medium." Moreover, independent claim 12 as originally filed with the application stated:

A computer program executable by computer and embodied on a computer readable medium for receiving . . .

Applicants submit that claim 12 as originally filed which forms part of the original specification fully support Applicants claim language of "the computer readable medium." Therefore, Applicants respectfully request the objection be withdrawn.

Claim Rejections under 35 USC §103

Claims 1-5, 12-13, 15-17, 20-21, 23-25, 28-30 and 32-35 are rejected under 35 USC §103(a) as being unpatentable over Roy, U.S. Patent No. 6,600,725 ("Roy"), in view of Kerrigan, U.S. Patent No. 5,404,488 ("Kerrigan"). Applicants respectfully traverse the rejections.

Currently amended independent claim 1 includes the claimed feature of "receiving notification of active keys, the active keys associated with the at least one portion of the information displayed on the user terminal." Furthermore, independent claim 1 includes the claimed feature of "transmitting to the user terminal the information associated with the active

keys” Applicants respectfully submit that both Roy and Kerrigan do not disclose these claimed features.

Roy discloses a multimedia conferencing bridge which provides conferencing services to multiple parties. Each of the multiple parties may during the conference call request and receive information services during the conference call. In Roy, each party must request the particular information services of interest. The requesting party receives all of the information requested and does not receive only updated portions of requested information. Roy does not disclose, teach or suggest, the claimed features of “receiving notification of active keys, the active keys associated with the at least one portion of the information displayed on the user terminal” and “transmitting to the user terminal the information associated with the active keys”

As discussed in Applicants’ specification on at least page 5, lines 17-20, one aspect of Applicants invention includes:

Further as well as only those real-time values that have changed, only those real-time data values that are currently being displayed on the user terminal are transmitted to the user terminal, thereby keeping the data transfer required to an absolute minimum.

Furthermore, as discussed in Applicants’ specification on at least page 15, lines 7-9 includes:

In operation 430, the currently active keys are received from the user terminal 10.

Applicants respectfully submit that Roy does not disclose these claimed features. Moreover, Kerrigan does not make up for the deficiencies in Roy. Kerrigan discloses a real-time engine for interfacing a spreadsheet to one or more data feeds. The data feeds provide real-time information to the spreadsheet when requested or polled. However, Kerrigan does not disclose, teach or suggest, the claimed feature of “receiving notification of active keys, the active keys associated with the at least one portion of the information displayed on the user terminal” and “transmitting to the user terminal the information associated with the active keys” In Kerrigan, requested data is entered into the spreadsheet regardless of information currently displayed on a user device. Therefore, for at least these reasons Applicant respectfully submit that independent claim 1 is in condition for allowance. Dependent claims 2-6 and 8-11 which

ultimately depend on independent claim 1 are allowable for at least the same reason as independent claim 1 from which they ultimately depend.

Currently amended independent claims 12 and 20 include the claim features of:
receive active keys that are associated with the real-time data values from at least one user terminal
...

transmit the changed real-time data values associated with the active keys without also transmitting unchanged data values to the at least one user terminal when any of the real-time data values associated with the active keys have changed from the prior real-time data values

(Emphasis Added).

Applicants respectfully submit that neither Roy nor Kerrigan disclose these claimed features. For instance, neither Roy nor Kerrigan receive active keys that are associated with real-time data for at least one user terminal. Therefore, for at least these reasons Applicants respectfully submit that both independent claims 12 and 20 are in condition for allowance. Dependent claims 13-17, 19, 21-25, and 28 which ultimately depend on one of independent claims 12 or 20 are allowable for at least the same reason as the independent claim from which they ultimately depend.

Currently amended independent claim 28 includes the claimed feature of “wherein the transmitting interface transmits the information from the content provider that has changed and is displayed on the user terminal to the user terminal without also transmitting unchanged information.” (Emphasis added). Applicants respectfully submit that neither Roy nor Kerrigan disclose these claimed features. Therefore, for at least this reasons Applicants respectfully submit that independent claim 28 is in condition for allowance. Dependent claims 29-34 which ultimately depend on independent claim 28 are allowable for at least the same reason as independent claim 28 from which they ultimately depend.

Currently amended independent claim 35 includes the claimed feature of “wherein when any data server thread connection receives an active key request from the remote mobile terminal.” (Emphasis added). Applicants respectfully submit that neither Roy nor Kerrigan disclose these claimed features. For instance, neither Roy nor Kerrigan receive an active key

that associated with real-time data from a remote mobile terminal. Therefore, for at least these reasons Applicants respectfully submit that independent claim 35 is in condition for allowance.

Applicants therefore respectfully request reconsideration of the pending claims and a finding of their allowability. A notice to this effect is respectfully requested. Please feel free to contact the undersigned should any questions arise with respect to this case that may be addressed by telephone.

Respectfully submitted,

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